

Converting Colors

XYZ(44.2291, 36.2023, 13.9280)

Have a look what the booklet for
XYZ(44.2291, 36.2023, 13.9280)
contains.

XYZ(44.2728, 36.3256, 13.9106)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(44.2728, 36.3256,
13.9106)**

Conversions

Conversions Part 1

Format	Color
Hex	E88B58
RGB	232, 139, 88
RGB Percent	91%, 55%, 35%
CMY	0.0902, 0.4549, 0.6549
CMYK	0.00, 0.40, 0.62, 0.09
HSL	21°, 76%, 63%
HSV	21°, 62%, 91%
XYZ	44.2728, 36.3256, 13.9106
YIQ	160.9930, 71.7990, 3.8550

Conversions

Conversions Part 2

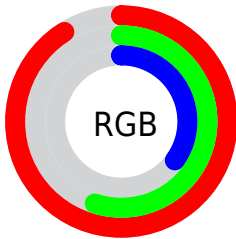
Format	Color
R _Y B	232, 167, 88
Decimal	15240024
CIE Lab	66.77, 30.83, 41.97
CIE LCh	67, 52.079, 53.703
Yxy	36.3256, 0.4685, 0.3844
Android (android.graphics.Color)	4293430104 (0xFFE88B58)
YUV	160.9930, -35.9855, 62.2731
Hunter-Lab	60.2707, 25.6462, 28.5053

Details

The XYZ color **44.2728, 36.3256, 13.9106** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **35.1128, 40.9465, 82.3964**, and the grayscale version is **34.0125, 35.7838, 38.9686**.

A 20% lighter version of the original color is **64.9702, 61.2640, 32.8269**, and **20.8860, 15.9033, 3.9763** is the 20% darker color. If you saturate the color by 10%, you get **41.4376, 31.9565, 8.9551**, and if you desaturate by 10%, it is **47.7127, 41.4154, 20.5764**.

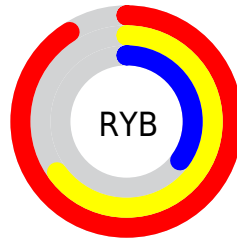
Distribution



Red (91%)

Green (55%)

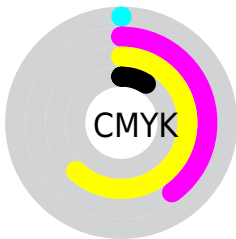
Blue (35%)



Red (91%)

Yellow (65%)

Blue (35%)

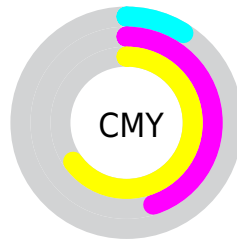


Cyan (0%)

Magenta (40%)

Yellow (62%)

Black (9%)



Cyan (9%)

Magenta (45%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2728, 36.3256, 13.9106 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 44.2728, 36.3256, 13.9106 by changing the saturation by 10% instead.

44.2728, 36.3256,
13.9106

44.2728, 36.3256,
13.9106

354.6538,
330.3814, 228.0830

31.0839, 24.6858,
7.9205

80.8719, 69.5343,
33.6452

20.8149, 15.8431,
3.9571

105.0128, 91.8720,
48.2267

13.1004, 9.4132,
1.6018

133.5350,
118.5444, 66.5091

7.5752, 5.0117,
0.2921

166.8039,
149.9360, 88.9109

3.8739, 2.2541,
0.0000

205.1849,
186.4311, 115.8506

1.6310, 0.7493,
0.0000

249.0433,

0.4125, 0.0000,

228.4141, 147.7469

0.0000

298.7445,
276.2694, 185.0182

■ 0.0000, 0.0000,
0.0000

■ 44.2728, 36.3256,
13.9106

■ 44.2728, 36.3256,
13.9106

■ 41.4376, 31.9565,
8.9551

■ 47.7127, 41.4154,
20.5764

■ 39.1625, 28.2663,
5.5451

■ 51.7923, 47.2534,
29.0924

■ 37.3991, 25.2167,
3.4858

■ 56.5467, 53.8724,
39.5862

■ 36.3091, 23.2169,
2.5676

■ 62.0074, 61.3012,
52.1734

■ 68.2037, 69.5673,
66.9607

■ 75.1634, 78.6967,
84.0472

■ 82.9124, 88.7142,
103.5263

■ 87.0886, 95.8957,
108.5274

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.3040, 36.3256, 24.5735



44.2728, 36.3256, 13.9106



36.2114, 36.3256, 10.2357

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.2728, 36.3256, 13.9106



21.5726, 36.3256, 34.9906



40.9684, 36.3256, 93.9276

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.2728, 36.3256, 13.9106



35.1128, 40.9465, 82.3964

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



32.8945, 36.3256, 100.0953



44.2728, 36.3256, 13.9106



22.4498, 36.3256, 59.6391

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.2728, 36.3256, 13.9106



23.7176, 36.3256, 19.0574



26.3269, 36.3256, 85.7249



48.2027, 36.3256, 71.1231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.2728, 36.3256, 13.9106



31.0669, 36.3256, 10.6353



26.3269, 36.3256, 85.7249



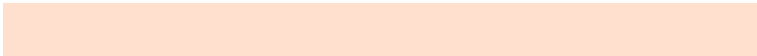
38.2336, 36.3256, 98.3022

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.2737, 36.3275, 13.9113



79.0257, 78.8993, 69.8074



45.1707, 27.4963, 46.9662



16.4620, 16.2797, 13.8733



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.2737, 36.3275, 13.9113



50.6388, 38.4700, 9.9572



58.1855, 64.1512, 18.5486



14.7926, 15.1990, 15.0585



20.2651, 13.1043, 1.4613



1.5826, 1.1385, 0.1363

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



35.1128, 40.9465, 82.3964



38.3347, 44.4241, 101.1620



24.1231, 18.9669, 78.7332



14.3554, 15.4323, 18.3664



14.2482, 15.5586, 44.6353



1.1396, 1.3232, 3.3273

Previews

White Background



This preview shows how the XYZ color 44.2728, 36.3256, 13.9106 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 44.2728, 36.3256, 13.9106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

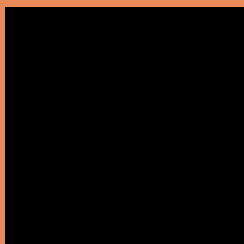
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.2728, 36.3256, 13.9106

Background



This preview shows how black text looks on a background with the XYZ color 44.2728, 36.3256, 13.9106.



This preview shows how white text looks on a background with the XYZ color 44.2728, 36.3256,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.2728, 36.3256, 13.9106

Protanopia

33.5686, 36.5039, 16.3430

Deuteranopia

37.1410, 36.3621, 13.4486



Tritanopia

47.7258, 36.2884, 30.0801

Trichromacy



Original Color

44.2728, 36.3256, 13.9106

Protanomaly

36.8201, 35.9073, 15.3461

Deuteranomaly

39.5385, 36.1478, 13.4877

Tritanomaly

46.4378, 36.3953, 22.9898

Monochromacy



Original Color

44.2728, 36.3256, 13.9106

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.1878, 35.0685, 27.4158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2728, 36.3256, 13.9106 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 139, 88)` looks like.

```
.text, #text, p{  
    color:rgb(232, 139, 88)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 139, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 139, 88) }
```

Border

The CSS property to change the border of an element to XYZ 44.2728, 36.3256, 13.9106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 139, 88) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 139, 88) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 139, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 139, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 139, 88);  
box-shadow:4px 4px 4px 4px rgb(232, 139,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2728, 36.3256, 13.9106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 139, 88) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
139, 88) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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